

R v. 4 Sept. 1895 - Feb. 1896

CONTENTS.

GENERAL.

	PAGE
The Place of Research in Education. By H. E. Armstrong, LL.D., Ph.D., F.R.S., Professor of Chemistry, City and Guilds of London Institute for the Advancement of Technical Education, Central Technical College, - - -	335
Emancipation from Scientific Materialism. By W. Ostwald, Professor of Chemistry in the University of Leipzig, - -	419

ANIMAL MORPHOLOGY.

The Chromatophores of Animals. By Walter Garstang, M.A., Fellow of Lincoln College, Oxford, - - - - -	104
---	-----

ANTHROPOLOGY.

Anthropometry in India. By John Beddoe, M.D., LL.D., F.R.S.,	188
--	-----

BOTANY.

On the Respiratory Function of Stomata. By F. Frost Blackman, M.A., Demonstrator of Botany in the University of Cambridge, - - - - -	13
The Present Position of Floral Biology. By J. C. Willis, M.A., Senior Assistant in Botany, Glasgow University, - -	204
Recent Work on Mosses and Ferns. By F. O. Bower, Sc.D., F.R.S., Regius Professor of Botany in the University of Glasgow, - - - - -	358

CHEMISTRY AND PHYSICS.

Recent Progress in the Study of Alloys. By F. H. Neville, -	77
The Space Relations of Atoms. By Arnold Eiloart, Ph.D.,	132, 448
On the Chemical Nature of Alloys. By F. H. Neville, - -	177
Theories of Electrolysis. By C. Dampier Whetham, M.A., Fellow of Trinity College, Cambridge, - - - - -	293
The New Theory of Solutions (IV.). By J. W. Rodger, A.R.C.S.,	377
The Evolution of the Thermometer. By G. T. Holloway, F.I.C.,	413

ENGINEERING.

On our Present Knowledge of the Mechanical Testing of Iron and Steel. By Professor Hudson Beare, M.Inst.C.E., - -	216
---	-----

GEOLOGY, MINERALOGY AND PALEONTOLOGY.

Progress in the Study of the Ancient Sediments. By J. E. Marr, F.R.S., Fellow of St. John's College, Cambridge, - -	1
The Zoological Position of the Trilobites. By H. M. Bernard, M.A. Cantab., F.L.S., F.Z.S., - - - - -	33

	PAGE
Some Metasomatic Changes in Limestones. By Alfred Harker, M.A., Fellow of St. John's College, Cambridge, - - -	50
Williamson's Researches on the Carboniferous Flora. By D. H. Scott, M.A., F.R.S., Hon. Keeper of the Jodrell Laboratory, Royal Gardens, Kew, - - - - -	253
Mineral Transformations. By H. A. Miers, M.A., - - - - -	273
The Study of the Ancient Sediments. By J. E. Marr, F.R.S., Fellow of St. John's College, Cambridge, - - - - -	313
The Geology of Egypt. By Philip Lake, M.A., St. John's College, Cambridge, - - - - -	395
The Classification of Igneous Rocks. By Alfred Harker, M.A., Fellow of St. John's College, Cambridge, - - - - -	469

PATHOLOGY.

Louis Pasteur. By German Sims Woodhead, M.D., Director of the Laboratories of the Royal Colleges of Physicians (Lond.) and Surgeons (Eng.), - - - - -	229
The Diagnostic and Therapeutic Use of Mallein. By G. A. Buckmaster, M.D., Lecturer on Physiology at St. George's Hospital, London, - - - - -	437

PHYSIOLOGY.

The Decomposition Products of Proteids. By T. Gregor Brodie, M.D., Lecturer on Physiology, St. Thomas's Hospital, - - -	62
Galvanotropism of Tadpoles. By Augustus D. Waller, M.D., F.R.S., Lecturer on Physiology in St. Mary's Hospital Medical School, - - - - -	96
The Synthesis of Proteids. By W. D. Halliburton, M.D., F.R.S., Professor of Physiology, King's College, London, - - -	149
Card Ludwig, Professor of Physiology in the University of Leipzig. By William Stirling, M.D., Sc.D., Professor of Physiology in the Owens College, Manchester, - - - - -	155
Carl Ludwig (II.). By Leon Asher, Lecturer on Physiology in the University, Bern, - - - - -	323
On Some Applications of the Theory of Osmotic Pressures to Physiological Problems (Part I.). By E. Starling, M.D., Lecturer on Physiology in Guy's Hospital, London, - - -	284
The Suprarenal Capsules. By W. D. Halliburton, M.D., F.R.S., Professor of Physiology in King's College, London, - - -	461
Pawlow's Researches on the Physiology of Secretion. By E. Starling, M.D., Lecturer on Physiology at Guy's Hospital, London, - - - - -	491

APPENDIX I.

Notices of Books, - - - - -	I, VII, XIII, XXI, XXIX, XXXIX
-----------------------------	--------------------------------

APPENDIX II.

Titles of Chemical Papers, - - - - -	II, VIII, XV, XXII, XXXIV, XLIV
--------------------------------------	---------------------------------

ALPHABETICAL LIST OF AUTHORS.

	PAGE
Armstrong, H. E. The Place of Research in Education, - -	335
Asher, Leon. Carl Ludwig, - - - - -	323
Beare, Hudson. On our Present Knowledge of the Mechanical Testing of Iron and Steel, - - - - -	216
Beddoe, John. Anthropometry in India, - - - - -	188
Bernard, H. M. The Zoological Position of the Trilobites, -	33
Blackman, F. Frost. On the Respiratory Functions of Stomata, -	13
Bower, F. O. Recent Work on Mosses and Ferns, - - -	358
Brodie, T. Gregor. The Decomposition Products of Proteids, -	62
Buckmaster, G. A. The Diagnostic and Therapeutic Use of Mallein, - - - - -	437
Eiloart, Arnold. The Space Relations of Atoms, - - -	132, 448
Garstang, Walter. The Chromatophores of Animals, - -	104
Halliburton, W. D. The Synthesis of Proteids, - - -	149
Do. The Suprarenal Capsules, - - - -	461
Harker, Alfred. Some Metasomatic Changes in Limestones, -	50
Do. The Classification of Igneous Rocks, - - -	469
Holloway, G. T. The Evolution of the Thermometer, - -	413
Lake, Philip. The Geology of Egypt, - - - -	395
Marr, J. E. Progress in the Study of the Ancient Sediments, -	1
Do. The Study of the Ancient Sediments, - - -	313
Miers, H. A. Mineral Transformations, - - - -	273
Neville, F. H. Recent Progress in the Study of Alloys, - -	77
Do. On the Chemical Nature of Alloys, - - -	177
Ostwald, W. Emancipation from Scientific Materialism, - -	419
Rodger, J. W. The New Theory of Solutions, - - -	377
Scott, D. H. Williamson's Researches on the Carboniferous Flora, - - - - -	253
Starling, E. On Some Applications of the Theory of Osmotic Pressures to Physiological Problems, - - - -	284
Starling, E. Pawlow's Researches on the Physiology of Secretion,	491
Stirling, William. Carl Ludwig, - - - - -	155
Waller, Augustus D. Galvanotropism of Tadpoles, - - -	96
Whetham, C. Dampier. Theories of Electrolysis, - - -	293
Willis, J. C. The Present Position of Floral Biology, - -	204
Woodhead, German Sims. Louis Pasteur, - - - -	229